

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030623\
 Data File : PP056219.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2023 13:05
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 13:33:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.323	3.564	86622743	67995163	53.762	46.566
2)	SA Decachlor...	10.070	8.564	83822067	54188070	41.090	47.764
Target Compounds							
3)	L1 AR-1016-1	5.493	4.644	31016340	20998832	519.765	466.329
4)	L1 AR-1016-2	5.515	4.662	44573642	30503004	509.476	469.682
5)	L1 AR-1016-3	5.577	4.838	27927283	16128894	502.744	464.101
6)	L1 AR-1016-4	5.676	4.881	22596400	13614921	507.084	455.489
7)	L1 AR-1016-5	5.972	5.093	23239025	17481907	481.292	442.205
8)	L2 AR-1221-1	4.526	3.775	2951872	2434296	141.817	135.520
9)	L2 AR-1221-2	4.618	3.861	4648223	3436065	292.218	261.629
10)	L2 AR-1221-3	4.694	3.936	17532895	13344225	361.409	319.716
11)	L3 AR-1232-1	4.694	3.936	17532895	13344225	442.639	387.626
12)	L3 AR-1232-2	5.224	4.662	23597121	30503004	1136.037	1039.275
13)	L3 AR-1232-3	5.515	4.838	44573642	16128894	1131.208	1061.301
14)	L3 AR-1232-4	5.676	4.922	22596400	16647741	1153.484	1098.163
15)	L3 AR-1232-5	5.768	5.093	18914054	17481907	1182.623	1066.522
16)	L4 AR-1242-1	5.493	4.644	31016340	20998832	642.343	570.728
17)	L4 AR-1242-2	5.515	4.662	44573642	30503004	627.277	579.115
18)	L4 AR-1242-3	5.577	4.838	27927283	16128894	625.973	569.714
19)	L4 AR-1242-4	5.676	4.922	22596400	16647741	625.411	539.585
20)	L4 AR-1242-5	6.417	5.446	6564970	16635990	156.722	499.440 #
21)	L5 AR-1248-1	5.493	4.644	31016340	20998832	852.493	751.889
22)	L5 AR-1248-2	5.768	4.881	18914054	13614921	328.724	320.045
23)	L5 AR-1248-3	5.972	4.922	23239025	16647741	357.643	374.094
24)	L5 AR-1248-4	6.378	5.093	7731309	17481907	106.561	341.434 #
25)	L5 AR-1248-5	6.417	5.486	6564970	3844981	92.624	87.235
26)	L6 AR-1254-1	6.351	5.446	20270911	16635990	275.712	226.118
27)	L6 AR-1254-2	6.571	5.594	17545674	11984518	152.037	190.482 #
28)	L6 AR-1254-3	6.939	6.013	8123895	22019814	66.011	224.515 #
29)	L6 AR-1254-4	7.226	6.228	5126094	1415091	55.809	25.707 #
30)	L6 AR-1254-5	7.646	6.645	58764407	38276312	559.112	471.099
31)	L7 AR-1260-1	7.104	6.128	45910043	33291836	443.387	456.669
32)	L7 AR-1260-2	7.362	6.318	51182326	37953705	406.946	465.131
33)	L7 AR-1260-3	7.724	6.471	40064758	35687948	456.177	422.310
34)	L7 AR-1260-4	7.949	6.944	47893265	29364101	445.622	458.809
35)	L7 AR-1260-5	8.266	7.187	90062274	60786405	436.245	449.074
36)	L8 AR-1262-1	7.724	6.737	40064758	16131442	339.586	457.653 #
37)	L8 AR-1262-2	8.266	6.944	90062274	29364101	410.350	395.459
38)	L8 AR-1262-3	8.587	7.471	56671952	13813588	370.699	248.964 #
39)	L8 AR-1262-4	8.647f	7.534	35355356	43952459	469.619	432.961
40)	L8 AR-1262-5	9.319	8.030	23961160	14386911	290.627	316.358
41)	L9 AR-1268-1	8.587	7.471	56671952	13813588	198.571	82.157 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

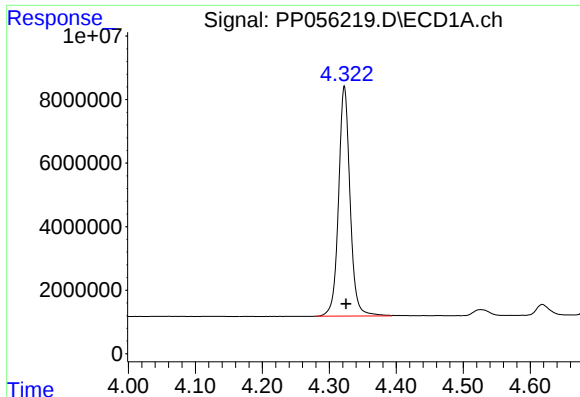
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 13:33:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.647f	7.534	35355356	43952459	132.600	287.345 #
43) L9	AR-1268-3	8.894	7.742	809538	929271	3.440	6.772 #
44) L9	AR-1268-4	9.319	8.030	23961160	14386911	242.696	261.498
45) L9	AR-1268-5	9.733	8.316	6855120	4532039	9.106	11.236

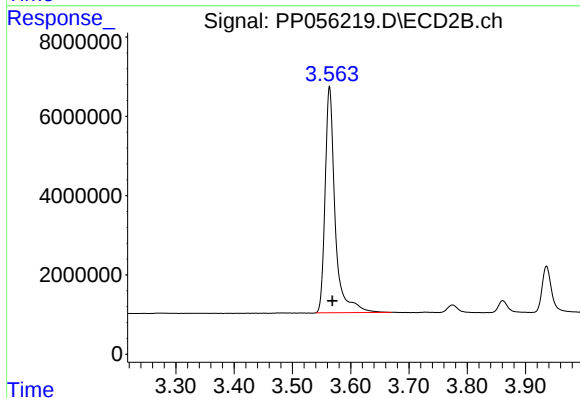
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

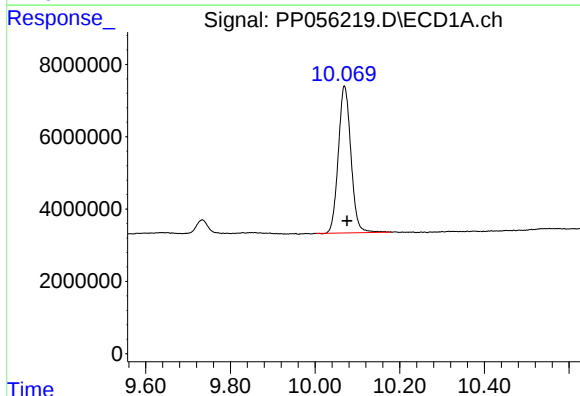
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 86622743
Conc: 53.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



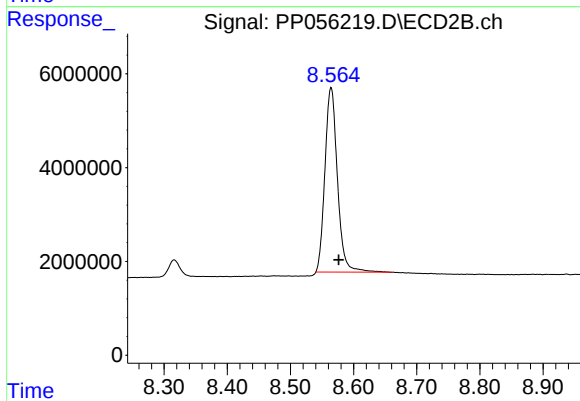
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: -0.005 min
Response: 67995163
Conc: 46.57 ng/ml



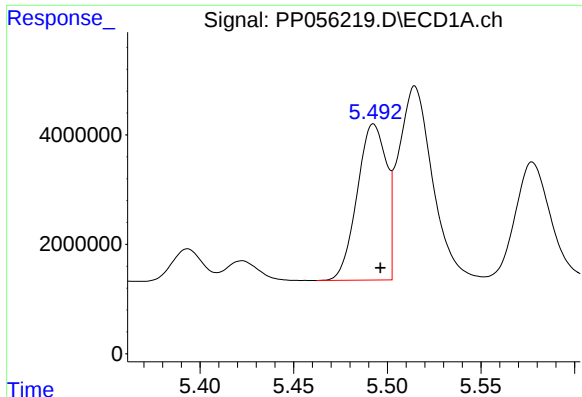
#2 Decachlorobiphenyl

R.T.: 10.070 min
Delta R.T.: -0.006 min
Response: 83822067
Conc: 41.09 ng/ml



#2 Decachlorobiphenyl

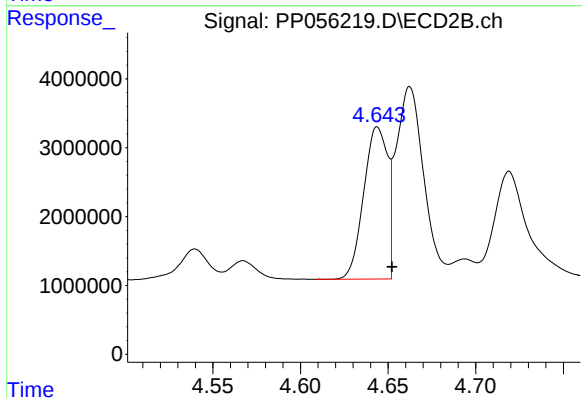
R.T.: 8.564 min
Delta R.T.: -0.012 min
Response: 54188070
Conc: 47.76 ng/ml



#3 AR-1016-1

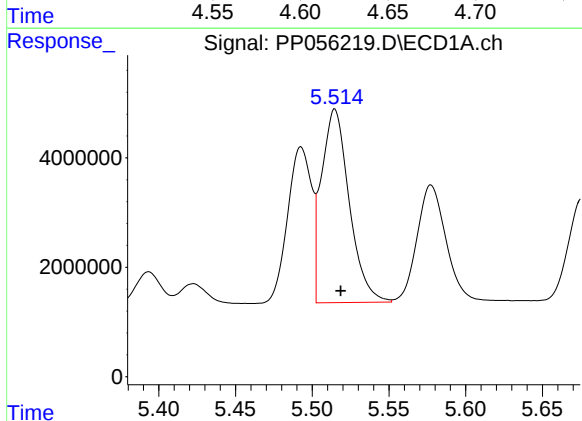
R.T.: 5.493 min
Delta R.T.: -0.004 min
Response: 31016340
Conc: 519.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



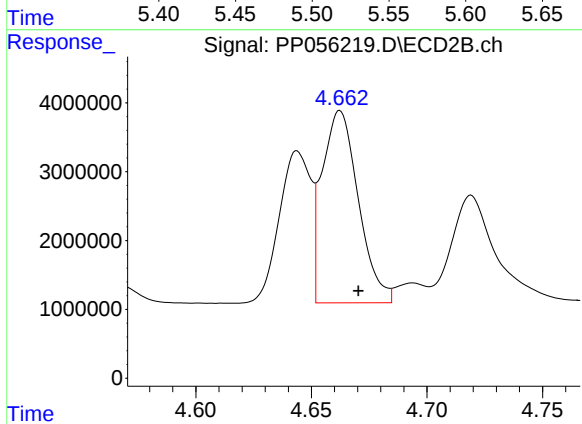
#3 AR-1016-1

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 20998832
Conc: 466.33 ng/ml



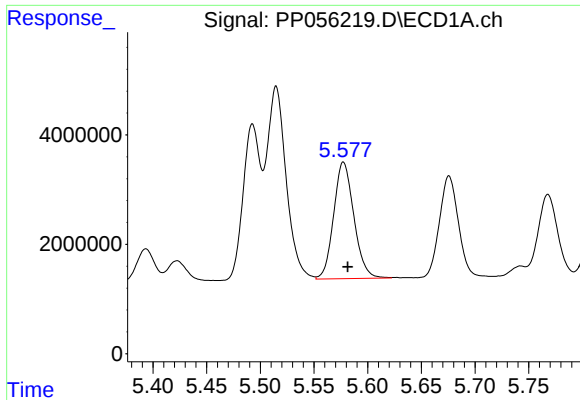
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: -0.004 min
Response: 44573642
Conc: 509.48 ng/ml



#4 AR-1016-2

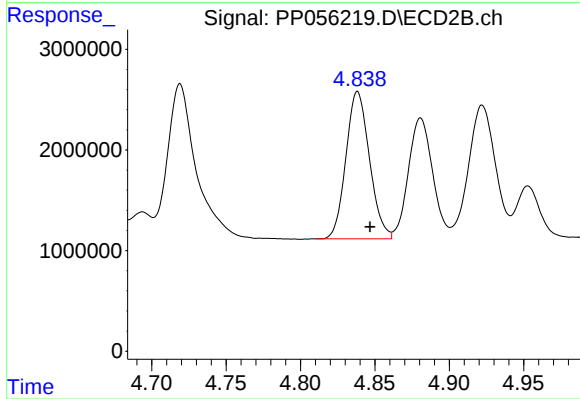
R.T.: 4.662 min
Delta R.T.: -0.008 min
Response: 30503004
Conc: 469.68 ng/ml



#5 AR-1016-3

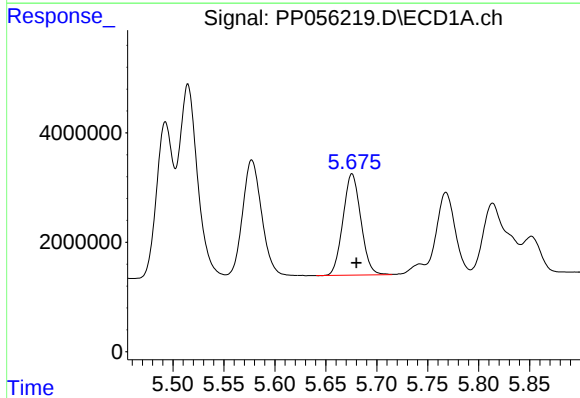
R.T.: 5.577 min
Delta R.T.: -0.004 min
Response: 27927283
Conc: 502.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



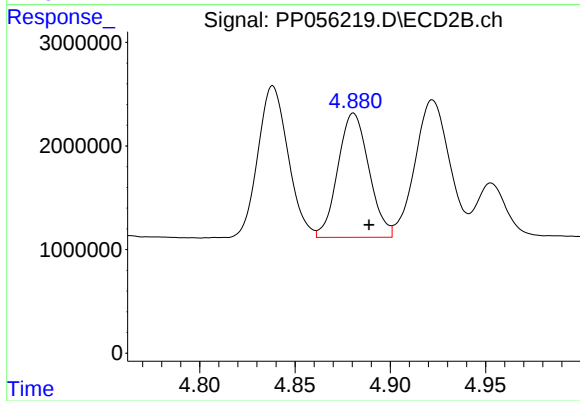
#5 AR-1016-3

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 16128894
Conc: 464.10 ng/ml



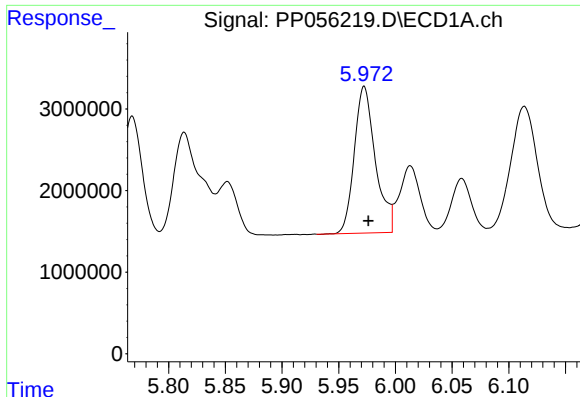
#6 AR-1016-4

R.T.: 5.676 min
Delta R.T.: -0.004 min
Response: 22596400
Conc: 507.08 ng/ml



#6 AR-1016-4

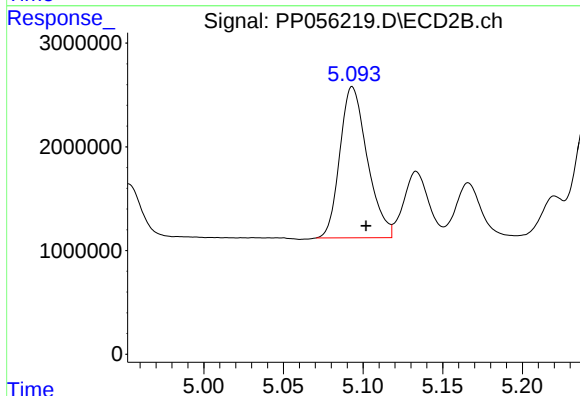
R.T.: 4.881 min
Delta R.T.: -0.008 min
Response: 13614921
Conc: 455.49 ng/ml



#7 AR-1016-5

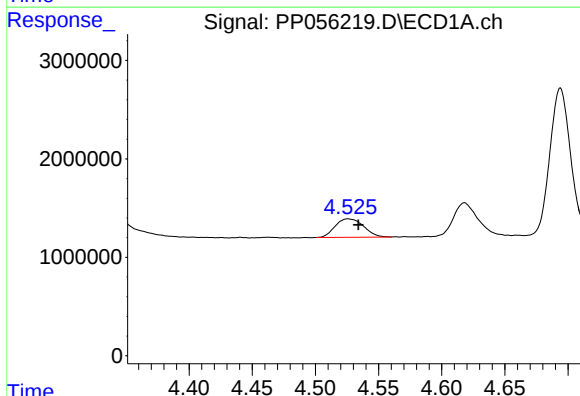
R.T.: 5.972 min
Delta R.T.: -0.004 min
Response: 23239025
Conc: 481.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



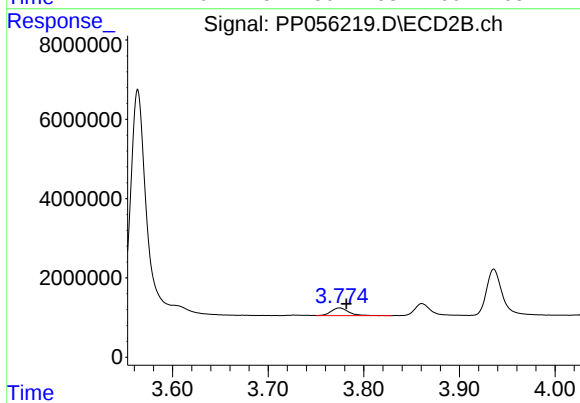
#7 AR-1016-5

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 17481907
Conc: 442.20 ng/ml



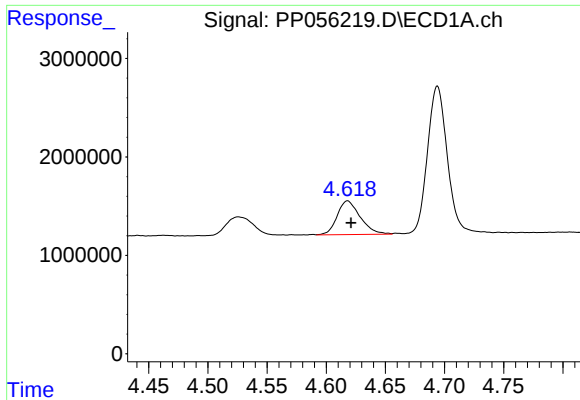
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: -0.008 min
Response: 2951872
Conc: 141.82 ng/ml



#8 AR-1221-1

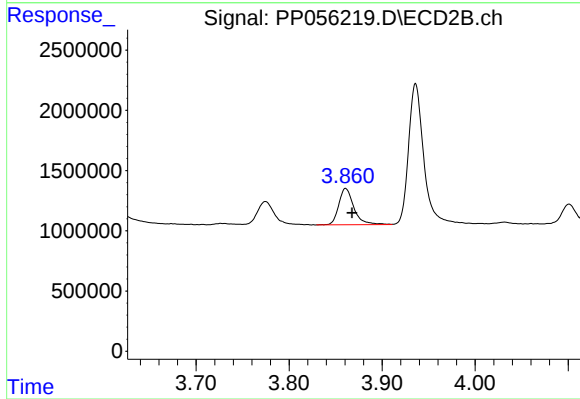
R.T.: 3.775 min
Delta R.T.: -0.007 min
Response: 2434296
Conc: 135.52 ng/ml



#9 AR-1221-2

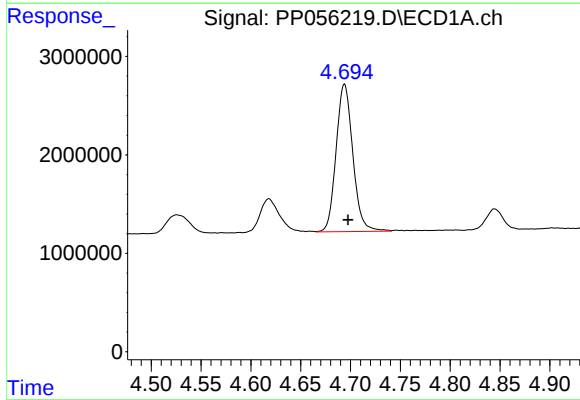
R.T.: 4.618 min
Delta R.T.: -0.003 min
Response: 4648223
Conc: 292.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



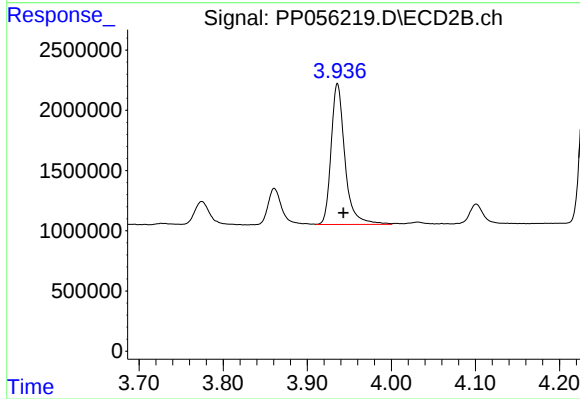
#9 AR-1221-2

R.T.: 3.861 min
Delta R.T.: -0.007 min
Response: 3436065
Conc: 261.63 ng/ml



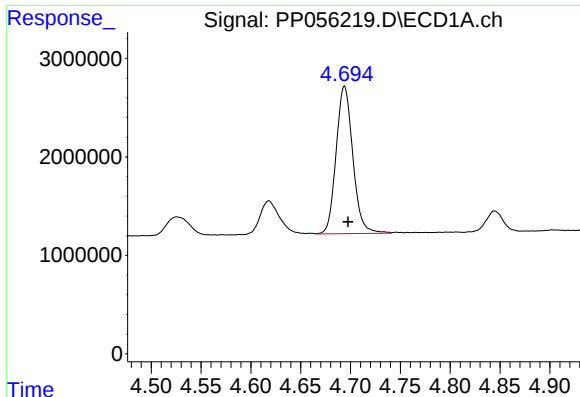
#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.004 min
Response: 17532895
Conc: 361.41 ng/ml



#10 AR-1221-3

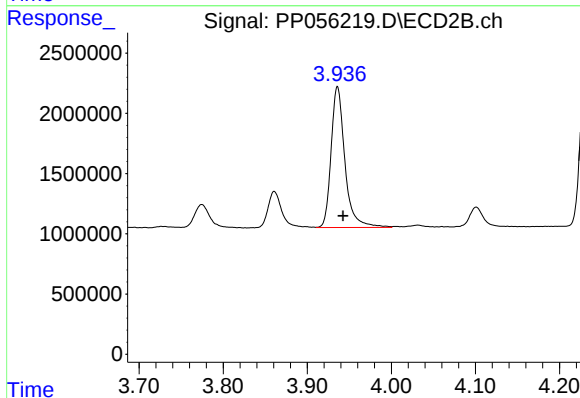
R.T.: 3.936 min
Delta R.T.: -0.007 min
Response: 13344225
Conc: 319.72 ng/ml



#11 AR-1232-1

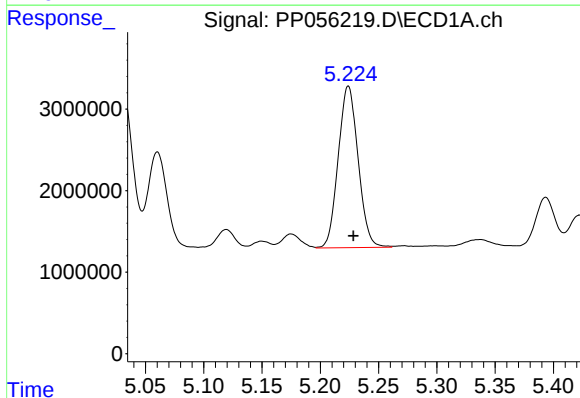
R.T.: 4.694 min
Delta R.T.: -0.004 min
Response: 17532895
Conc: 442.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



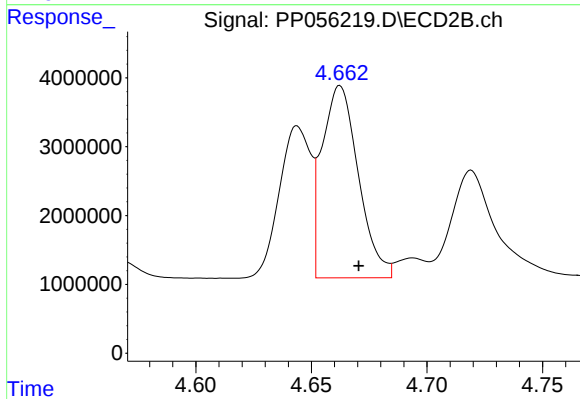
#11 AR-1232-1

R.T.: 3.936 min
Delta R.T.: -0.007 min
Response: 13344225
Conc: 387.63 ng/ml



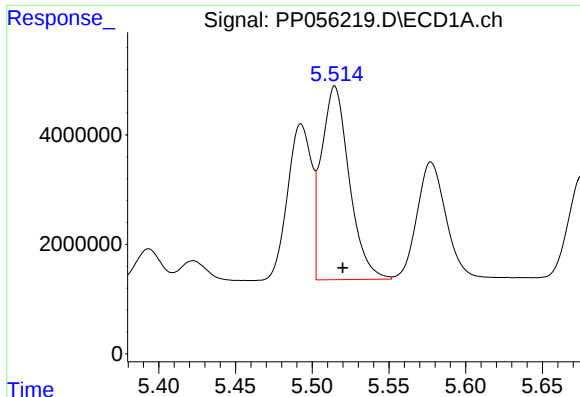
#12 AR-1232-2

R.T.: 5.224 min
Delta R.T.: -0.004 min
Response: 23597121
Conc: 1136.04 ng/ml



#12 AR-1232-2

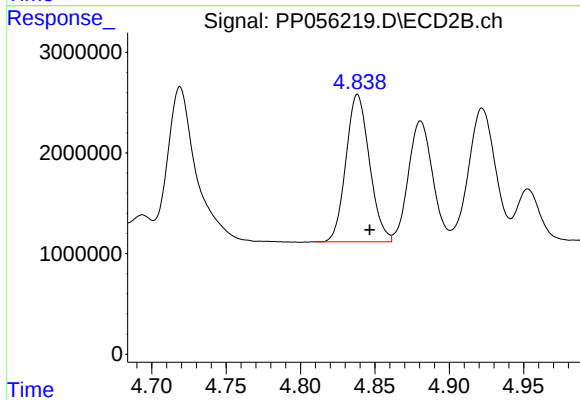
R.T.: 4.662 min
Delta R.T.: -0.008 min
Response: 30503004
Conc: 1039.28 ng/ml



#13 AR-1232-3

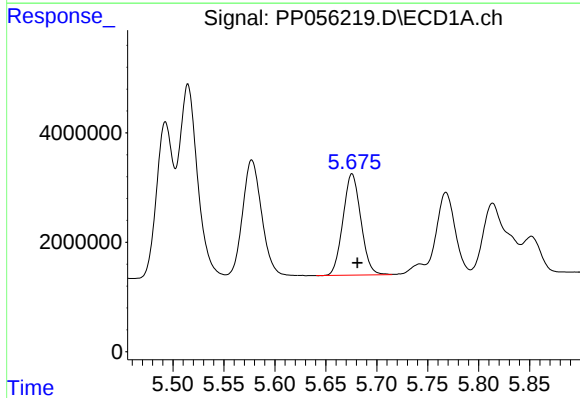
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 44573642
Conc: 1131.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



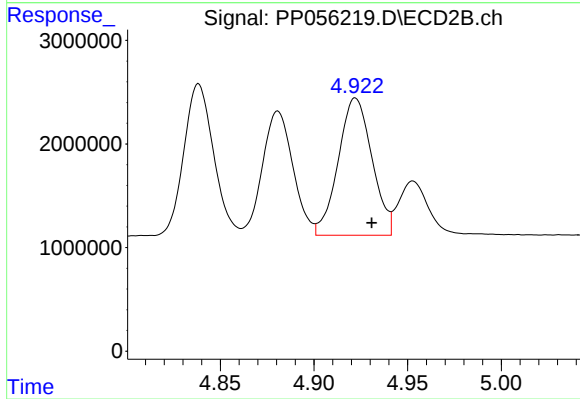
#13 AR-1232-3

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 16128894
Conc: 1061.30 ng/ml



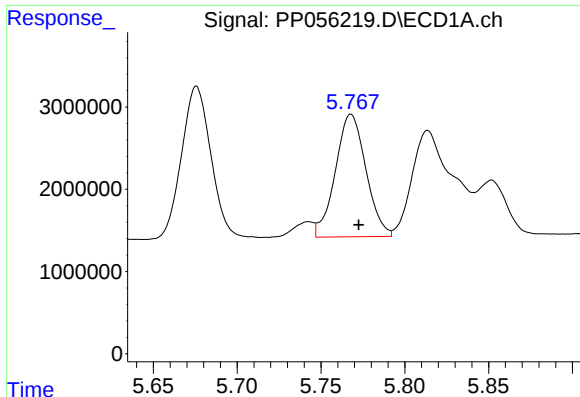
#14 AR-1232-4

R.T.: 5.676 min
Delta R.T.: -0.005 min
Response: 22596400
Conc: 1153.48 ng/ml



#14 AR-1232-4

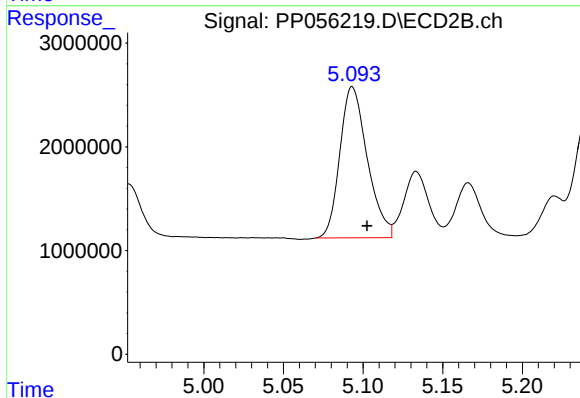
R.T.: 4.922 min
Delta R.T.: -0.009 min
Response: 16647741
Conc: 1098.16 ng/ml



#15 AR-1232-5

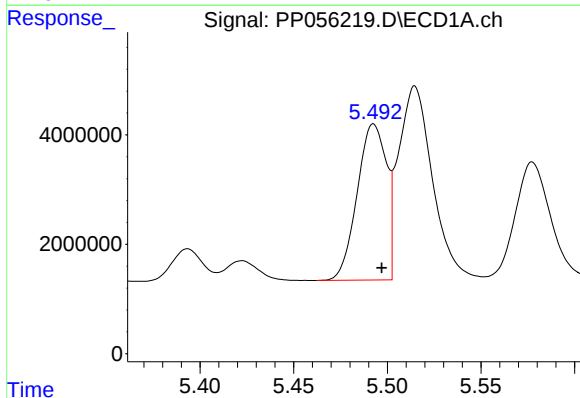
R.T.: 5.768 min
Delta R.T.: -0.005 min
Response: 18914054
Conc: 1182.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



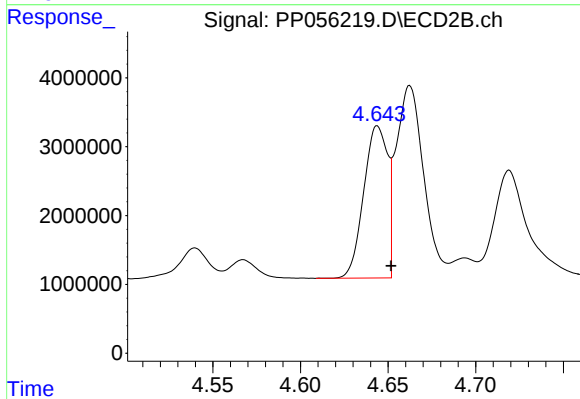
#15 AR-1232-5

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 17481907
Conc: 1066.52 ng/ml



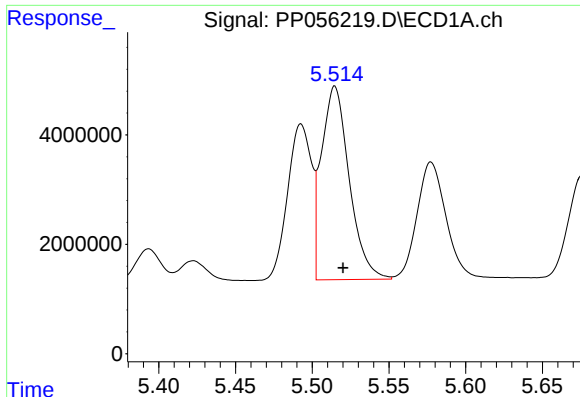
#16 AR-1242-1

R.T.: 5.493 min
Delta R.T.: -0.004 min
Response: 31016340
Conc: 642.34 ng/ml



#16 AR-1242-1

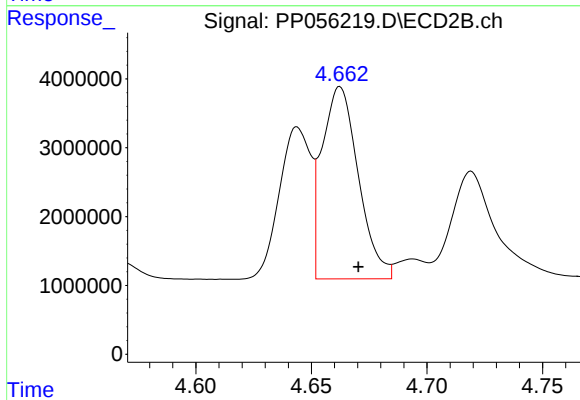
R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 20998832
Conc: 570.73 ng/ml



#17 AR-1242-2

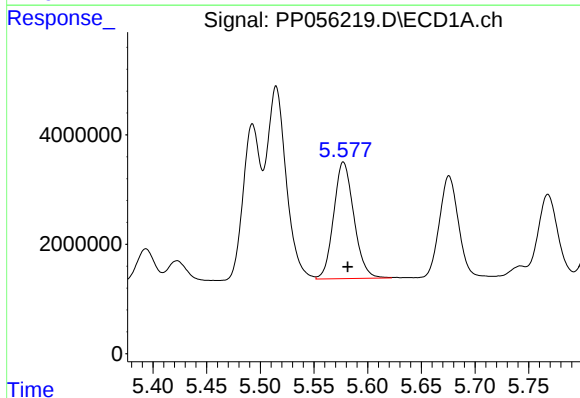
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 44573642
Conc: 627.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



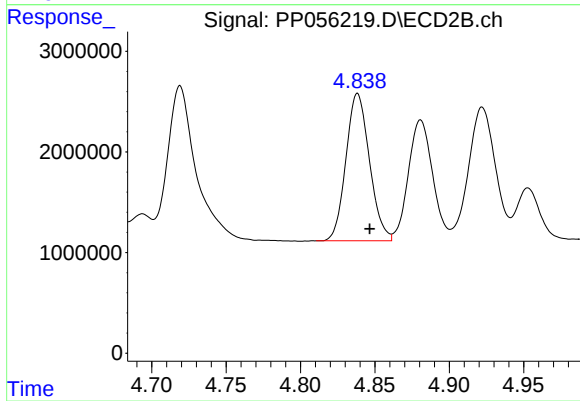
#17 AR-1242-2

R.T.: 4.662 min
Delta R.T.: -0.008 min
Response: 30503004
Conc: 579.11 ng/ml



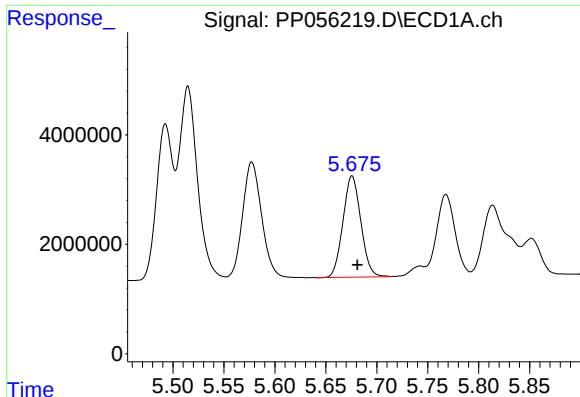
#18 AR-1242-3

R.T.: 5.577 min
Delta R.T.: -0.004 min
Response: 27927283
Conc: 625.97 ng/ml



#18 AR-1242-3

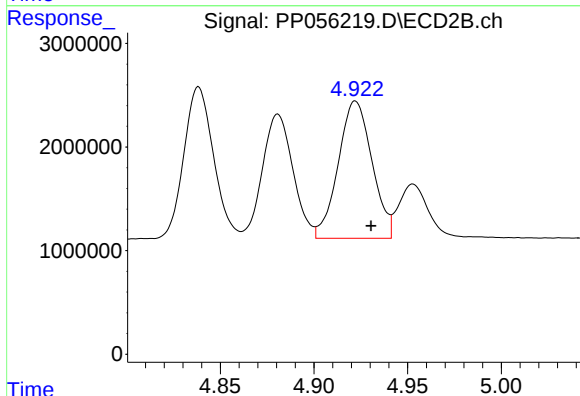
R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 16128894
Conc: 569.71 ng/ml



#19 AR-1242-4

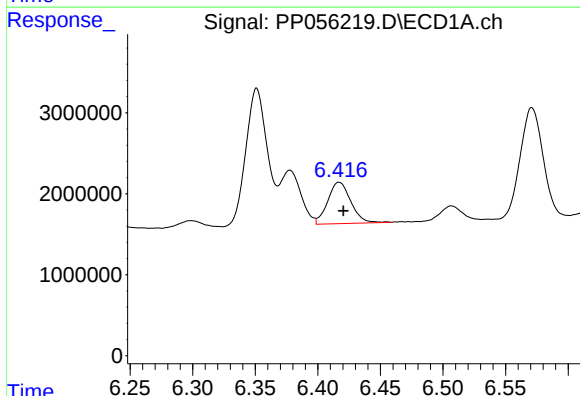
R.T.: 5.676 min
Delta R.T.: -0.005 min
Response: 22596400
Conc: 625.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



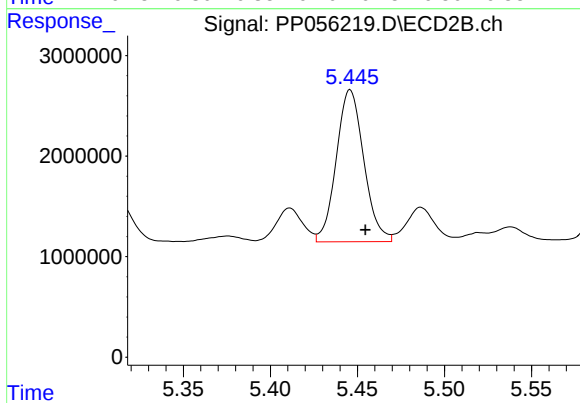
#19 AR-1242-4

R.T.: 4.922 min
Delta R.T.: -0.008 min
Response: 16647741
Conc: 539.59 ng/ml



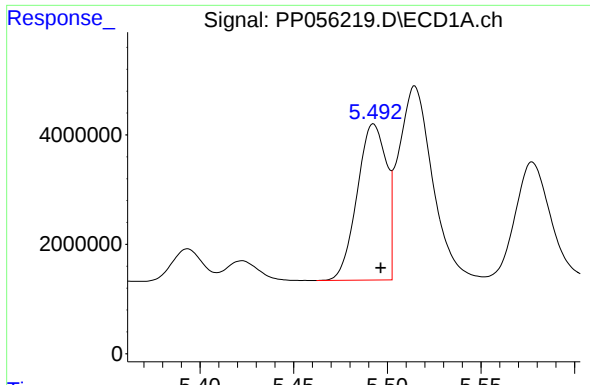
#20 AR-1242-5

R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 6564970
Conc: 156.72 ng/ml



#20 AR-1242-5

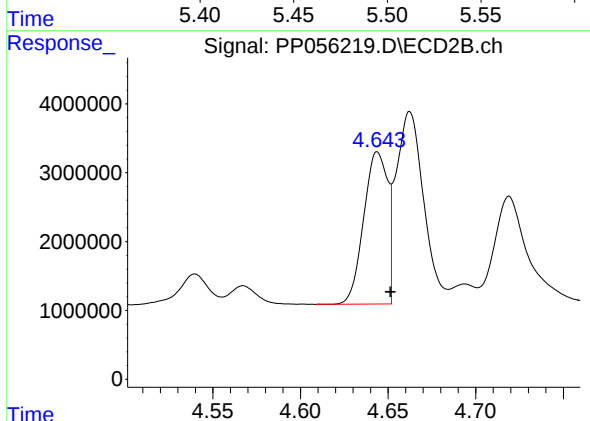
R.T.: 5.446 min
Delta R.T.: -0.009 min
Response: 16635990
Conc: 499.44 ng/ml



#21 AR-1248-1

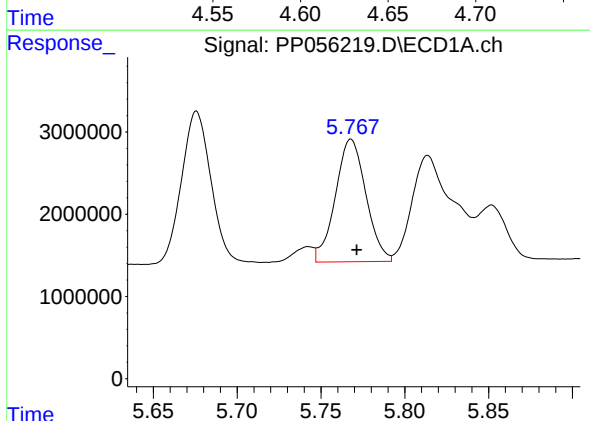
R.T.: 5.493 min
Delta R.T.: -0.004 min
Response: 31016340
Conc: 852.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



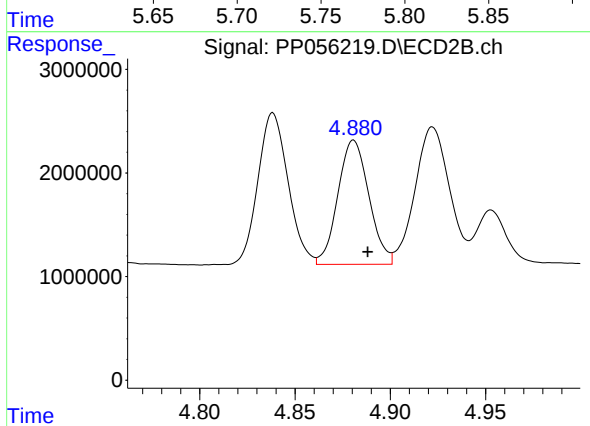
#21 AR-1248-1

R.T.: 4.644 min
Delta R.T.: -0.007 min
Response: 20998832
Conc: 751.89 ng/ml



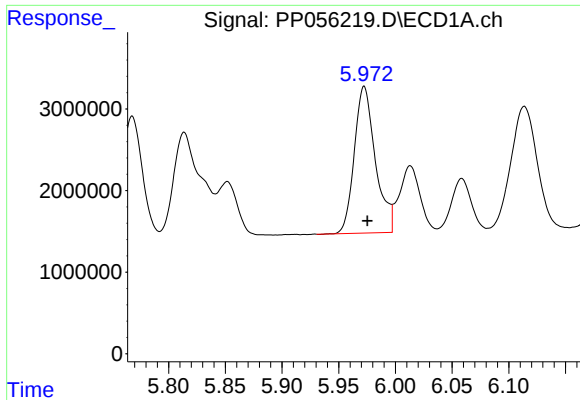
#22 AR-1248-2

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 18914054
Conc: 328.72 ng/ml



#22 AR-1248-2

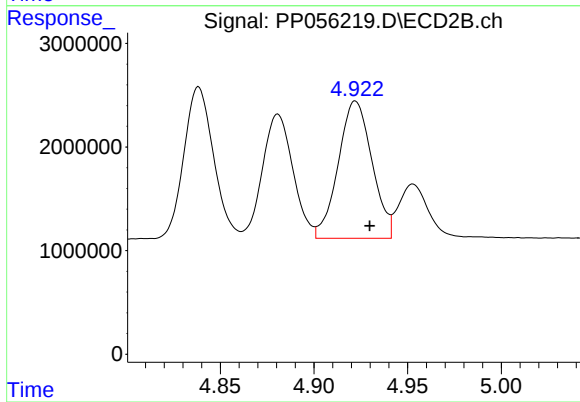
R.T.: 4.881 min
Delta R.T.: -0.007 min
Response: 13614921
Conc: 320.04 ng/ml



#23 AR-1248-3

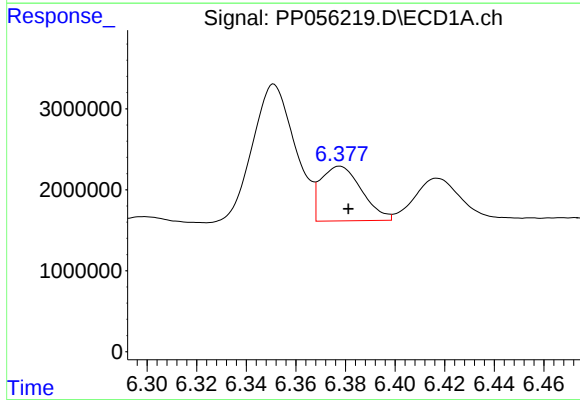
R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 23239025
Conc: 357.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



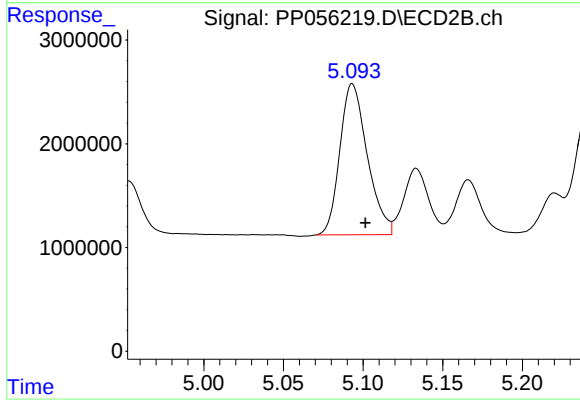
#23 AR-1248-3

R.T.: 4.922 min
Delta R.T.: -0.008 min
Response: 16647741
Conc: 374.09 ng/ml



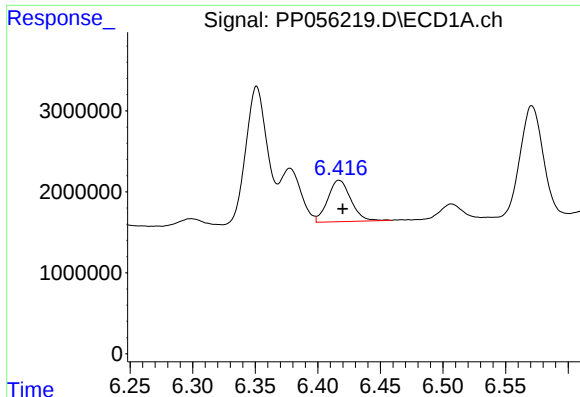
#24 AR-1248-4

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 7731309
Conc: 106.56 ng/ml



#24 AR-1248-4

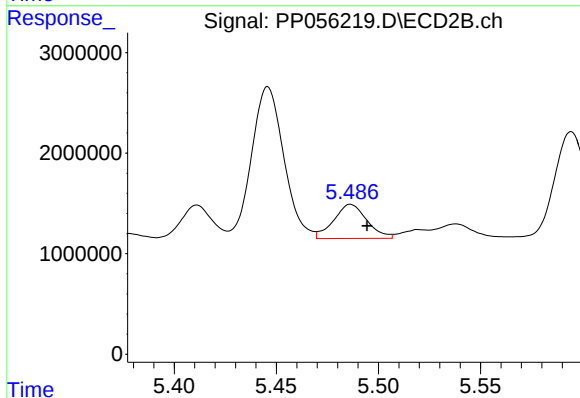
R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 17481907
Conc: 341.43 ng/ml



#25 AR-1248-5

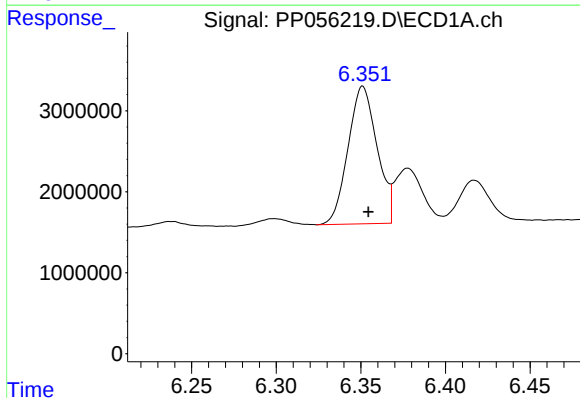
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 6564970
Conc: 92.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



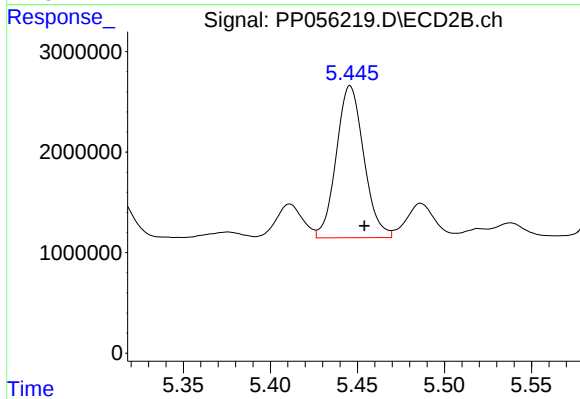
#25 AR-1248-5

R.T.: 5.486 min
Delta R.T.: -0.008 min
Response: 3844981
Conc: 87.23 ng/ml



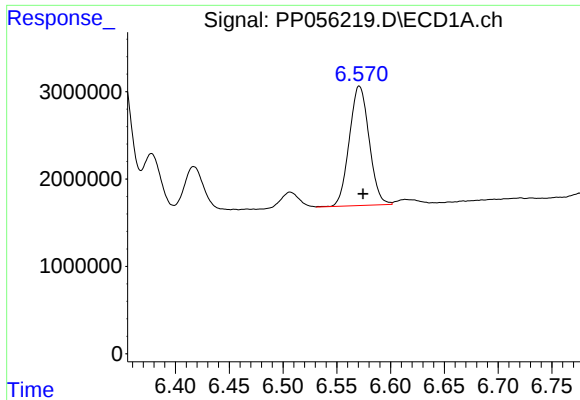
#26 AR-1254-1

R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 20270911
Conc: 275.71 ng/ml



#26 AR-1254-1

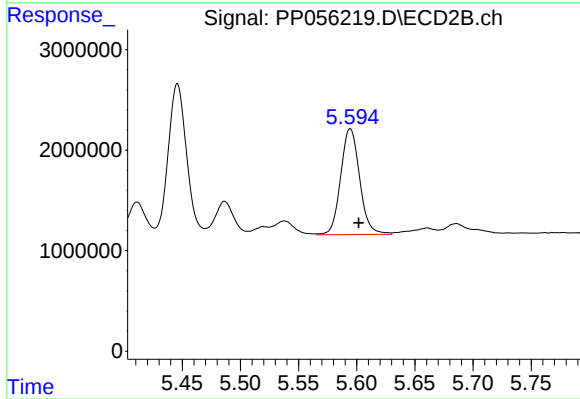
R.T.: 5.446 min
Delta R.T.: -0.008 min
Response: 16635990
Conc: 226.12 ng/ml



#27 AR-1254-2

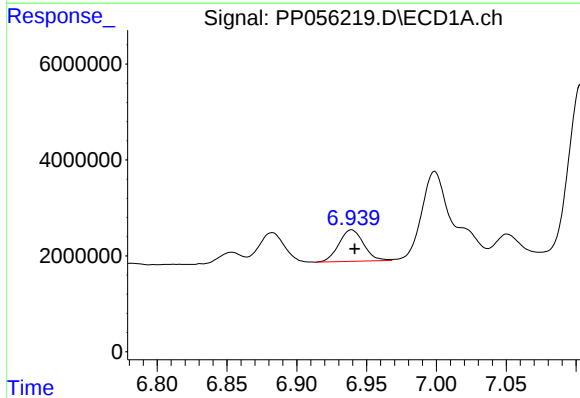
R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 17545674
Conc: 152.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



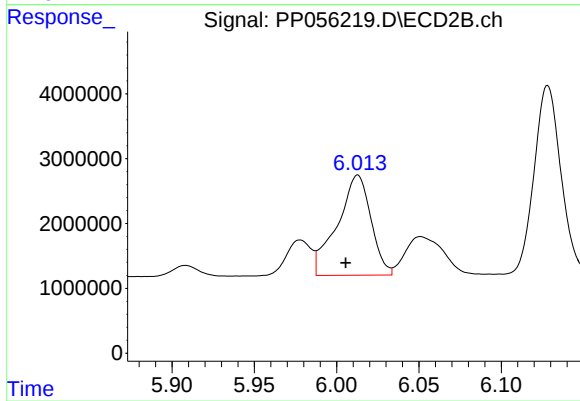
#27 AR-1254-2

R.T.: 5.594 min
Delta R.T.: -0.007 min
Response: 11984518
Conc: 190.48 ng/ml



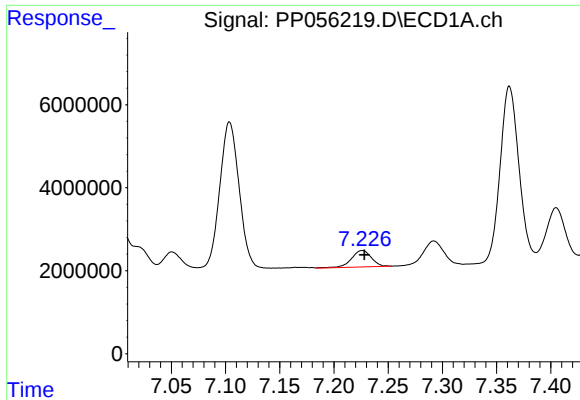
#28 AR-1254-3

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 8123895
Conc: 66.01 ng/ml



#28 AR-1254-3

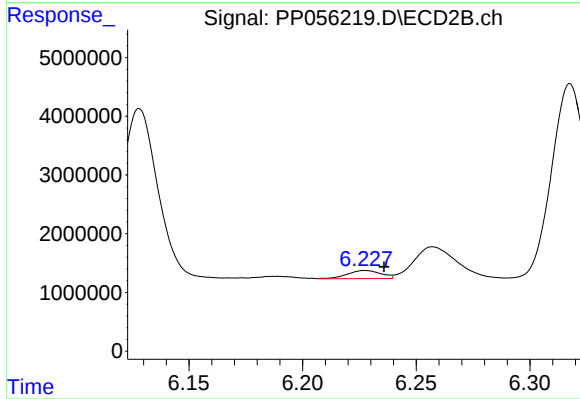
R.T.: 6.013 min
Delta R.T.: 0.007 min
Response: 22019814
Conc: 224.51 ng/ml



#29 AR-1254-4

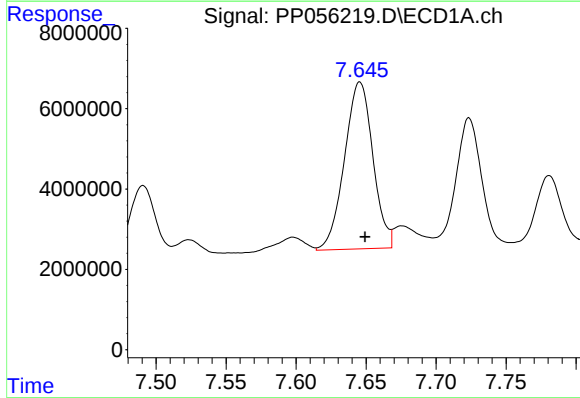
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 5126094
Conc: 55.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



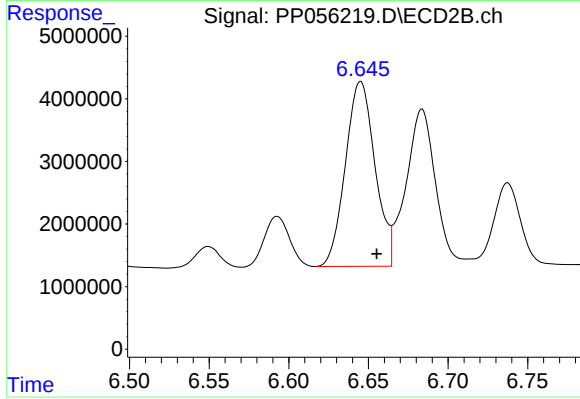
#29 AR-1254-4

R.T.: 6.228 min
Delta R.T.: -0.008 min
Response: 1415091
Conc: 25.71 ng/ml



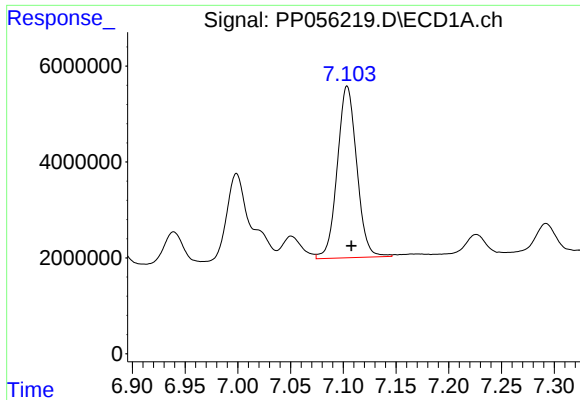
#30 AR-1254-5

R.T.: 7.646 min
Delta R.T.: -0.004 min
Response: 58764407
Conc: 559.11 ng/ml



#30 AR-1254-5

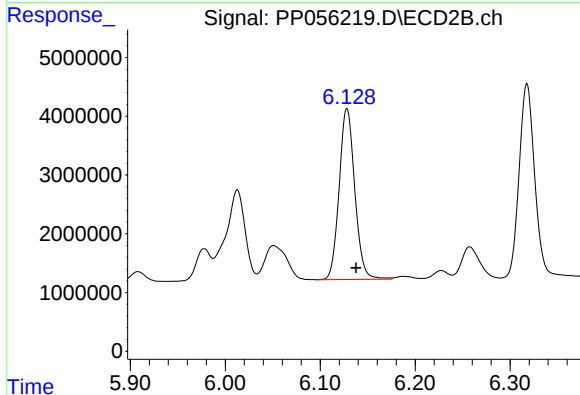
R.T.: 6.645 min
Delta R.T.: -0.010 min
Response: 38276312
Conc: 471.10 ng/ml



#31 AR-1260-1

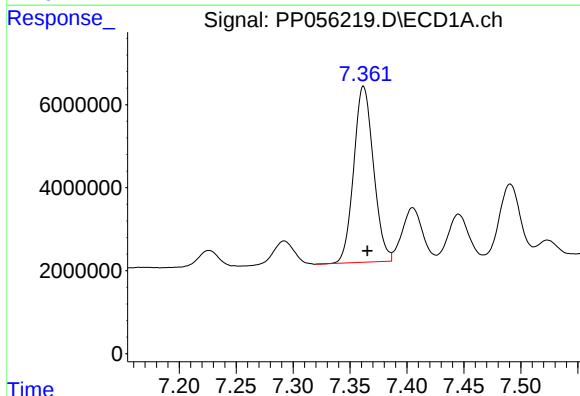
R.T.: 7.104 min
Delta R.T.: -0.004 min
Response: 45910043
Conc: 443.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



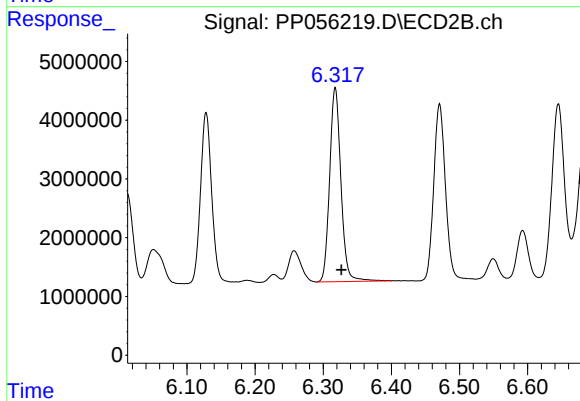
#31 AR-1260-1

R.T.: 6.128 min
Delta R.T.: -0.010 min
Response: 33291836
Conc: 456.67 ng/ml



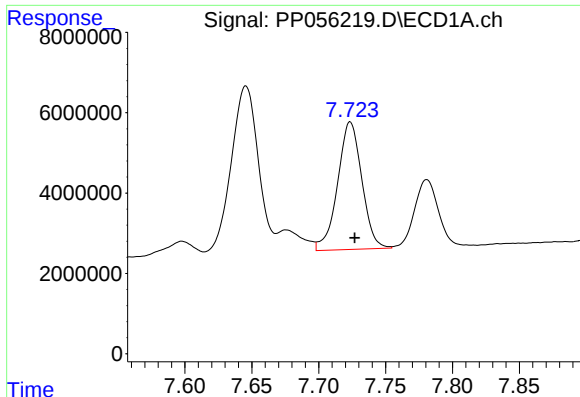
#32 AR-1260-2

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 51182326
Conc: 406.95 ng/ml



#32 AR-1260-2

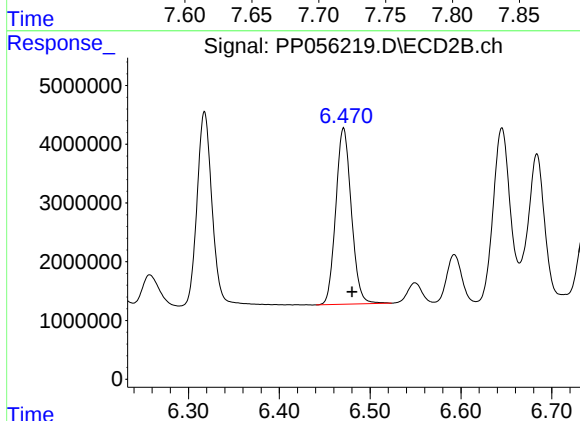
R.T.: 6.318 min
Delta R.T.: -0.009 min
Response: 37953705
Conc: 465.13 ng/ml



#33 AR-1260-3

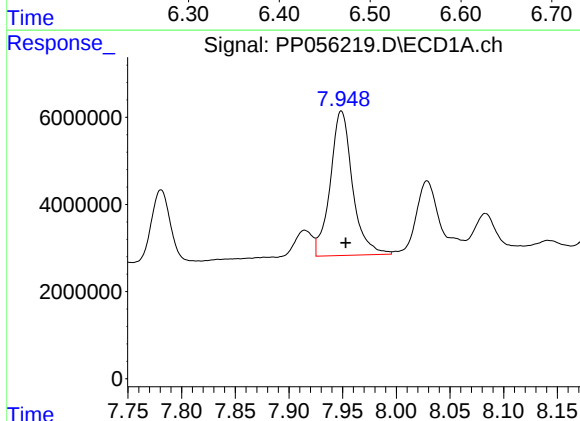
R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 40064758
Conc: 456.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



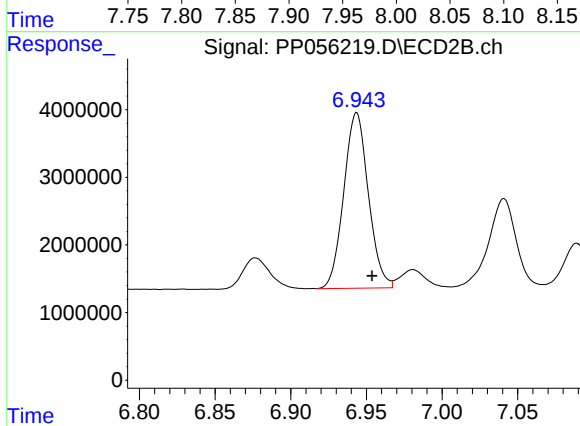
#33 AR-1260-3

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 35687948
Conc: 422.31 ng/ml



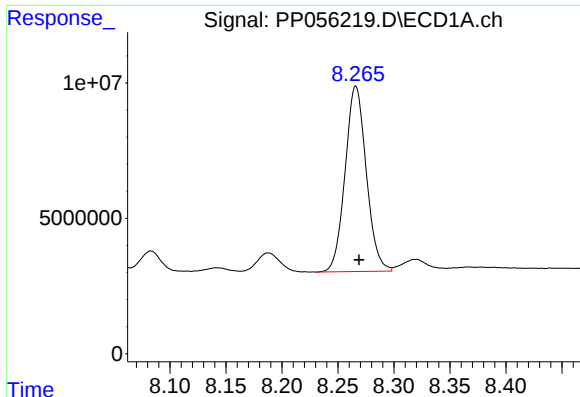
#34 AR-1260-4

R.T.: 7.949 min
Delta R.T.: -0.004 min
Response: 47893265
Conc: 445.62 ng/ml



#34 AR-1260-4

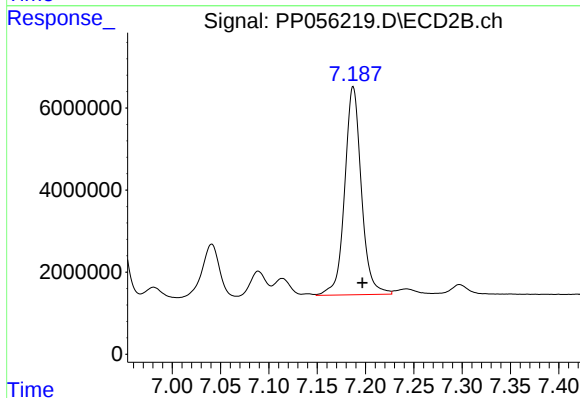
R.T.: 6.944 min
Delta R.T.: -0.010 min
Response: 29364101
Conc: 458.81 ng/ml



#35 AR-1260-5

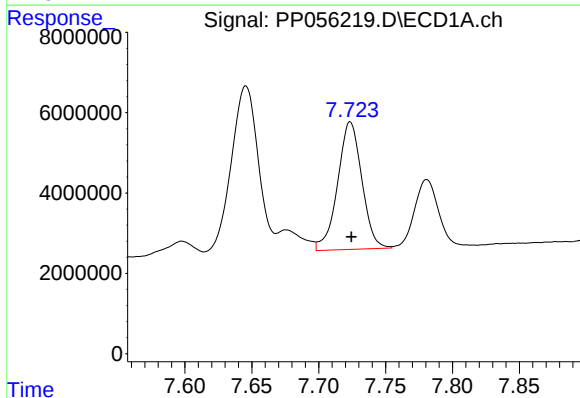
R.T.: 8.266 min
Delta R.T.: -0.003 min
Response: 90062274
Conc: 436.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



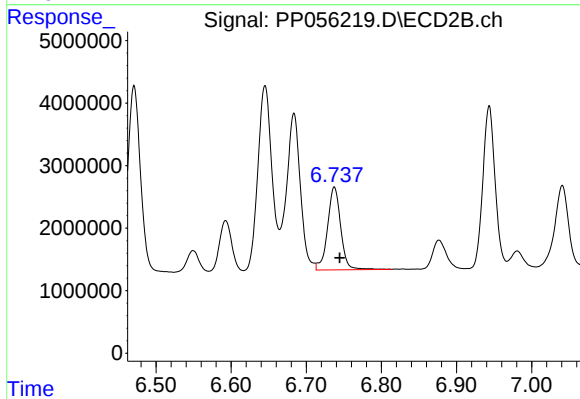
#35 AR-1260-5

R.T.: 7.187 min
Delta R.T.: -0.010 min
Response: 60786405
Conc: 449.07 ng/ml



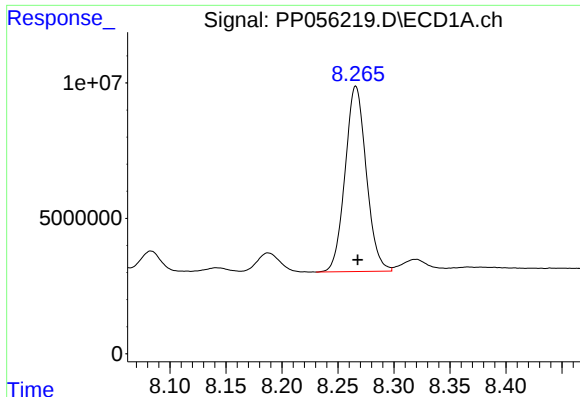
#36 AR-1262-1

R.T.: 7.724 min
Delta R.T.: 0.000 min
Response: 40064758
Conc: 339.59 ng/ml



#36 AR-1262-1

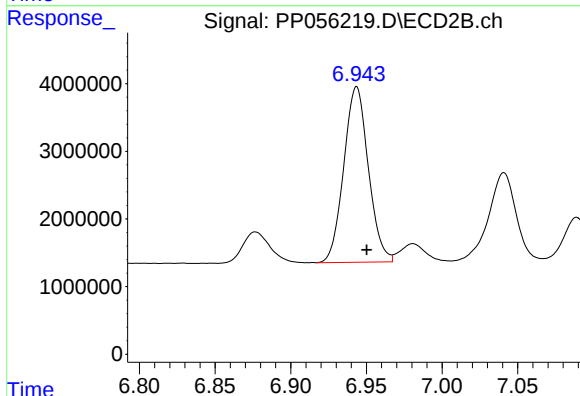
R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 16131442
Conc: 457.65 ng/ml



#37 AR-1262-2

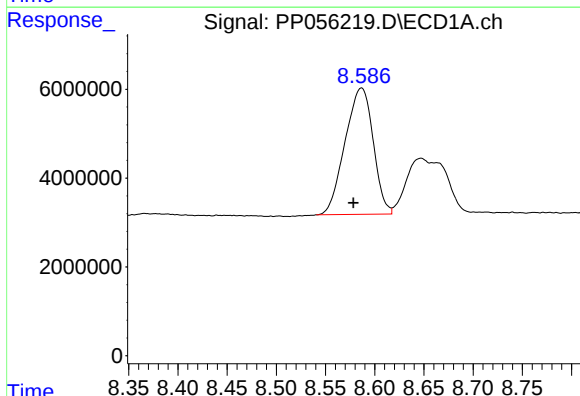
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 90062274
Conc: 410.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



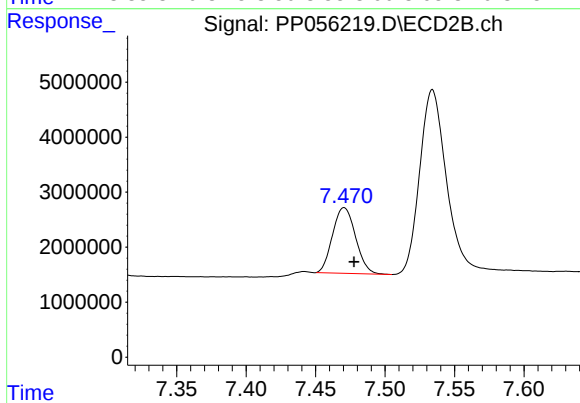
#37 AR-1262-2

R.T.: 6.944 min
Delta R.T.: -0.007 min
Response: 29364101
Conc: 395.46 ng/ml



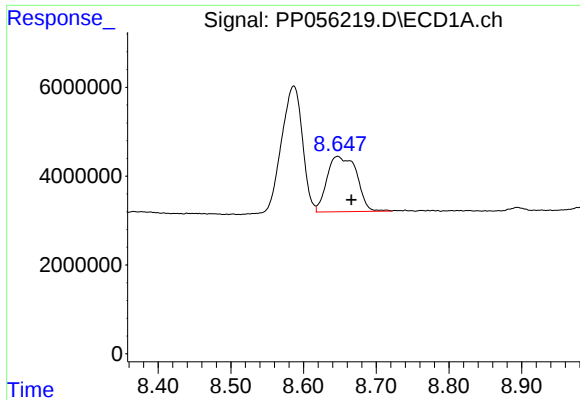
#38 AR-1262-3

R.T.: 8.587 min
Delta R.T.: 0.008 min
Response: 56671952
Conc: 370.70 ng/ml



#38 AR-1262-3

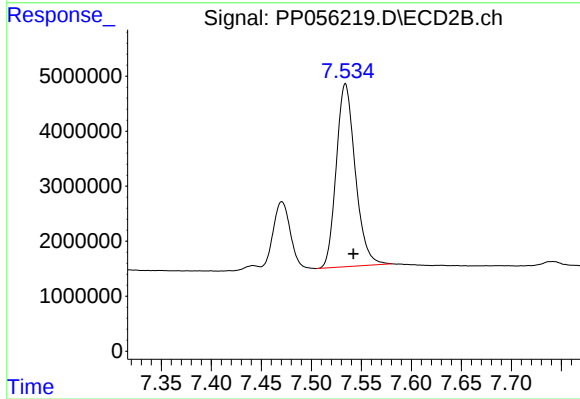
R.T.: 7.471 min
Delta R.T.: -0.007 min
Response: 13813588
Conc: 248.96 ng/ml



#39 AR-1262-4

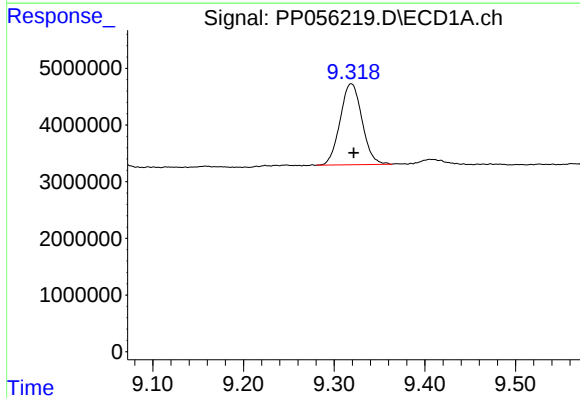
R.T.: 8.647 min
Delta R.T.: -0.019 min
Response: 35355356
Conc: 469.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



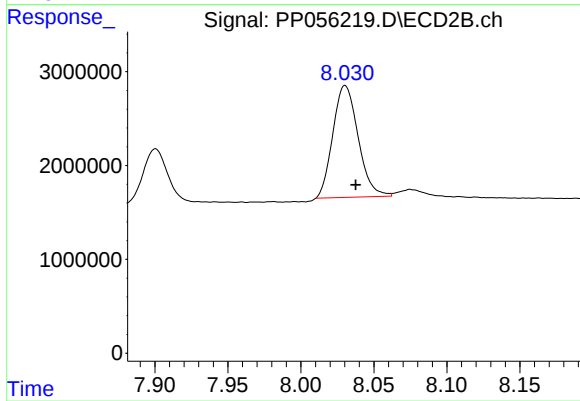
#39 AR-1262-4

R.T.: 7.534 min
Delta R.T.: -0.008 min
Response: 43952459
Conc: 432.96 ng/ml



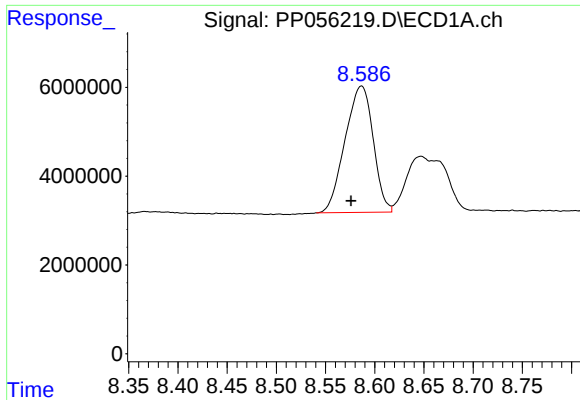
#40 AR-1262-5

R.T.: 9.319 min
Delta R.T.: -0.003 min
Response: 23961160
Conc: 290.63 ng/ml



#40 AR-1262-5

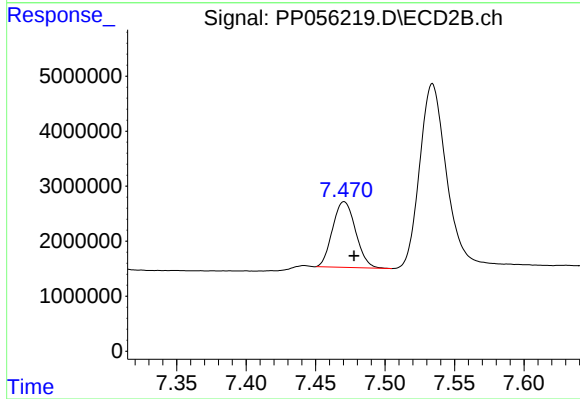
R.T.: 8.030 min
Delta R.T.: -0.007 min
Response: 14386911
Conc: 316.36 ng/ml



#41 AR-1268-1

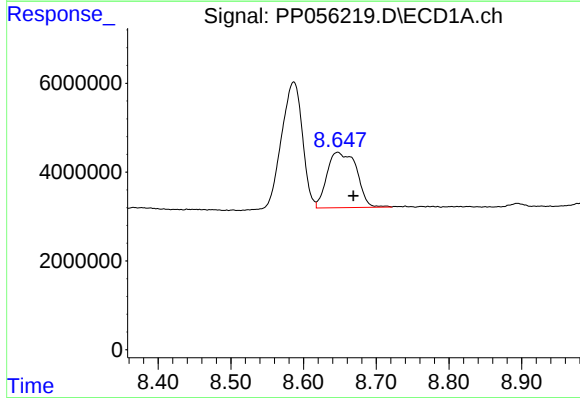
R.T.: 8.587 min
Delta R.T.: 0.011 min
Response: 56671952
Conc: 198.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



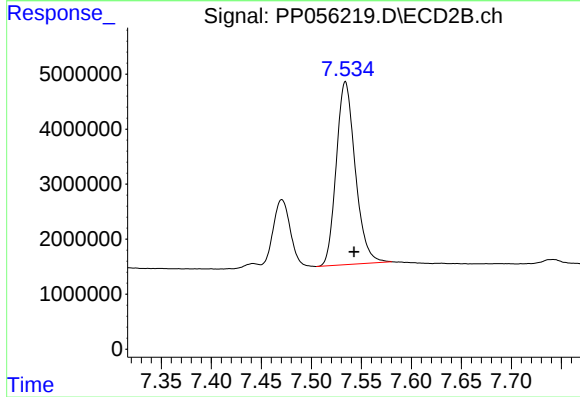
#41 AR-1268-1

R.T.: 7.471 min
Delta R.T.: -0.007 min
Response: 13813588
Conc: 82.16 ng/ml



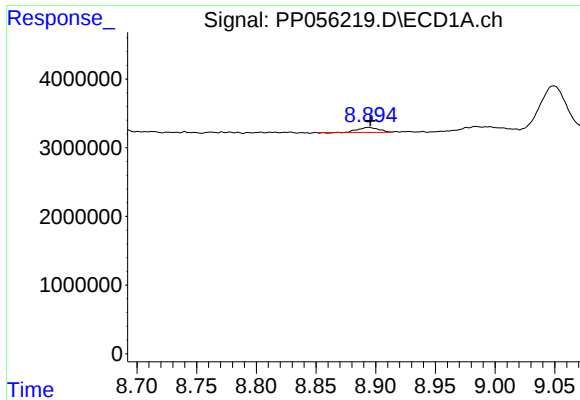
#42 AR-1268-2

R.T.: 8.647 min
Delta R.T.: -0.022 min
Response: 35355356
Conc: 132.60 ng/ml



#42 AR-1268-2

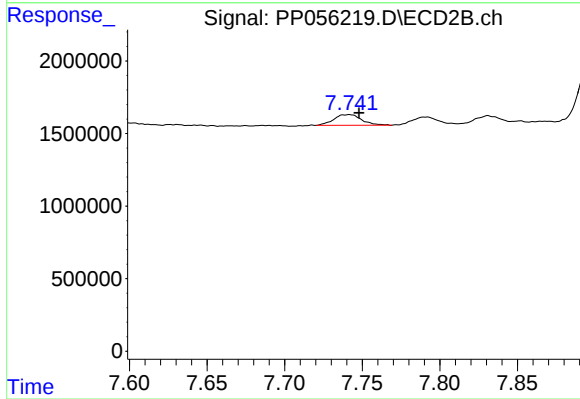
R.T.: 7.534 min
Delta R.T.: -0.009 min
Response: 43952459
Conc: 287.35 ng/ml



#43 AR-1268-3

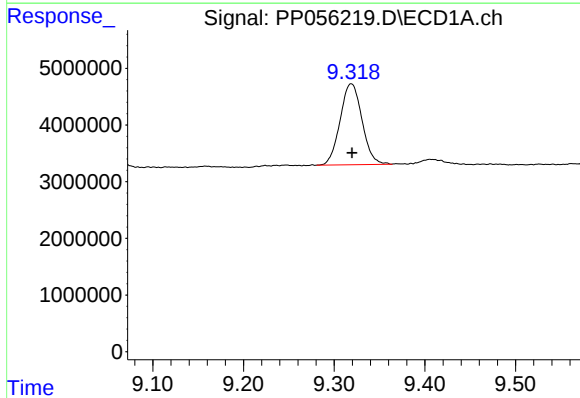
R.T.: 8.894 min
Delta R.T.: -0.002 min
Response: 809538
Conc: 3.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



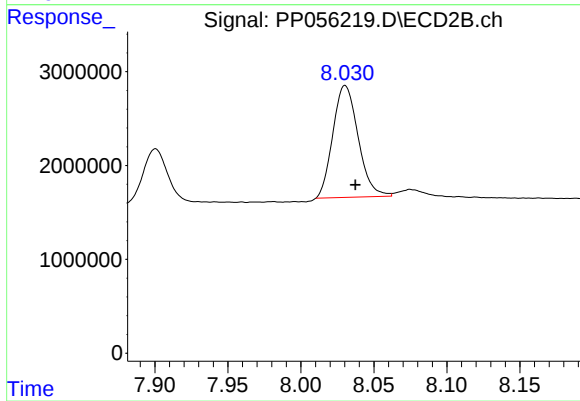
#43 AR-1268-3

R.T.: 7.742 min
Delta R.T.: -0.006 min
Response: 929271
Conc: 6.77 ng/ml



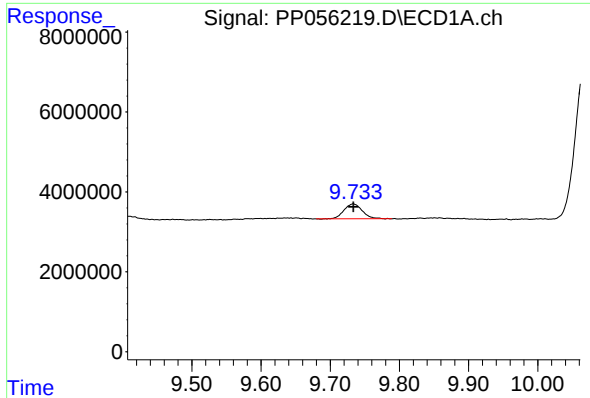
#44 AR-1268-4

R.T.: 9.319 min
Delta R.T.: 0.000 min
Response: 23961160
Conc: 242.70 ng/ml



#44 AR-1268-4

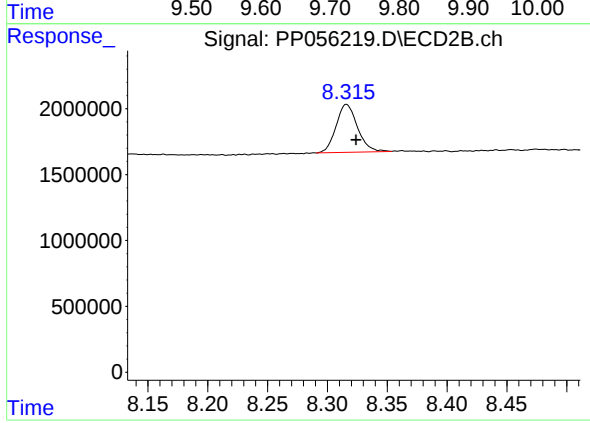
R.T.: 8.030 min
Delta R.T.: -0.007 min
Response: 14386911
Conc: 261.50 ng/ml



#45 AR-1268-5

R.T.: 9.733 min
Delta R.T.: 0.000 min
Response: 6855120
Conc: 9.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.316 min
Delta R.T.: -0.008 min
Response: 4532039
Conc: 11.24 ng/ml